

TABLE 17
ORIGINAL AIRMEN CERTIFICATES ISSUED BY CATEGORY
CALENDAR YEARS 1988-1997

Category of Certificates	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988
Pilot--Total	100,429	101,398	106,082	116,079	129,718	143,532	161,009	156,955	146,951	148,018
Student ^e	60,898	56,653	60,497	66,501	69,178	78,377	82,205	88,586	87,427	86,193
Recreational	60	71	57	73	58	74	87	29	N/A	N/A
Airplane										
Private	21,552	24,714	28,333	32,787	39,060	39,968	49,580	41,749	35,360	39,900
Commercial	8,988	10,245	9,133	9,237	12,645	14,354	16,869	15,500	13,759	12,042
Airline Transport	7,045	7,444	5,965	5,360	6,126	7,699	8,437	8,013	7,829	7,461
Rotorcraft (only)	1,385	1,638	1,724	1,801	2,310	2,684	3,344	2,700	2,240	1,947
Glider (only)	501	633	373	320	341	376	487	378	336	475
Flight Instructor										
Certificates 1/	3,958	4,459	4,513	3,970	6,328	7,151	8,164	7,071	5,365	4,898
Instrument Ratings 2/	8,392	4,514	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nonpilot--Total	16,224	17,626	17,144	16,448	23,906	27,543	31,882	27,113	23,078	21,064
Mechanic	7,439	8,024	11,636	12,313	18,401	20,532	24,299	19,861	15,923	14,907
Repairmen 3/	3,255	3,915	520	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Parachute Rigger	227	238	239	204	254	232	228	227	167	142
Ground Instructor	1,788	2,035	2,130	2,255	3,042	3,508	3,527	2,664	2,133	1,716
Dispatcher	836	869	696	557	629	674	623	550	431	510
Flight Navigator	0	0	0	1	1	2	3	1	14	17
Flight Engineer	2,679	2,545	1,923	1,118	1,579	2,595	3,202	3,810	4,410	3,772

Note: In previous releases all instrument ratings had been shown as additional. Total instrument ratings issued can be found in table 21.

^e Student certificates issued are estimated.

1/ Not included in total.

2/ Special ratings shown on pilot certificates represented above; not included in total.

3/ Prior to 1995, repairmen were included with mechanics.

N/A Not Available.

N/AP Not Applicable

TABLE 18
ADDITIONAL AIRMEN RATINGS ISSUED BY CATEGORY
CALENDAR YEARS 1988-1997

Category of Certificates	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988
Pilot--Total	39,835	44,468	38,416	34,454	35,660	44,760	51,435	45,730	46,990	37,921
Student	N/AP	N/AP	N/AP	N/AP	N/AP	N/AP	N/AP	N/AP	N/AP	N/AP
Recreational	3	1	29	1	N/AP	N/AP	N/AP	N/AP	N/AP	N/AP
Airplane										
Private	13,522	16,199	15,331	14,568	11,801	19,416	23,630	19,299	22,240	15,800
Commercial	9,587	10,494	9,042	8,630	10,466	11,630	13,506	12,584	11,778	10,597
Airline Transport	16,266	17,229	13,641	10,963	12,995	13,391	13,979	13,540	12,698	11,209
Rotorcraft (only)	296	349	290	267	370	291	291	266	252	287
Glider (only)	161	196	83	25	28	32	29	41	22	28
Flight Instructor										
Certificates 1/	15,101	13,172	6,997	5,791	7,214	8,161	9,470	8,517	7,532	5,234
Instrument Ratings 2/	9,477	10,719	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nonpilot--Total	4,381	4,243	4,403	5,006	6,385	7,267	9,567	8,387	7,688	6,107
Mechanic	2,500	2,685	3,131	4,160	5,529	6,499	7,653	6,381	5,728	4,353
Repairmen 3/	138	158	64	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Parachute Rigger	14	24	26	15	29	22	33	12	21	8
Ground Instructor	381	440	377	346	498	518	493	434	399	334
Dispatcher	4	4	2	2	0	0	3	2	5	2
Flight Navigator	0	0	0	0	0	0	0	1	0	0
Flight Engineer	1,344	932	803	483	329	228	1,385	1,557	1,535	1,410

Note: In previous releases all instrument ratings had been shown as additional. Total instrument ratings issued can be found in table 21.

1/ Not included in total.

2/ Special ratings shown on pilot certificates represented above; not included in total.

3/ Prior to 1995, repairmen were included with mechanics.

N/A Not Available.

N/AP Not Applicable

Note: Additional ratings are entered on current airman certificates as follows:

Private, commercial, and airline transport pilot--aircraft category, class, and type instrument rating.

Helicopter pilot--instrument and type ratings.

Flight instructor--ratings for each aircraft category in which the holder is qualified, and instrument flying instructions.

Mechanic--airframe and powerplant ratings.

Parachute rigger--senior or master rigger--senior or master rigger ratings.